



305336

<b>POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT</b> <b>PART 1 - SITE INFORMATION AND ASSESSMENT</b>		<b>I. IDENTIFICATION</b> 01 STATE 02 SITE NUMBER <b>ILD 984766378</b>	
<b>II. SITE NAME AND LOCATION</b>			
01 SITE NAME (Legal, common, or descriptive name of site)		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER	
<b>Decatur / Barding Landfill</b>		<b>P.O. Box Drawer D, 965 S. Wyckles Rd</b>	
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY
<b>Decatur</b>	<b>IL</b>	<b>62526</b>	<b>MACON</b>
08 COORDINATES LATITUDE		07 COUNTY CODE	
<b>39°49'30".0</b>		<b>115</b>	
LONGITUDE		08 CONG DIST	
<b>89° 01'50".0</b>		<b>18</b>	
10 DIRECTIONS TO SITE (Starting from nearest public road)			
<b>III. RESPONSIBLE PARTIES</b>			
01 OWNER (If known)		02 STREET (Business, mailing, residential)	
<b>Lavone Barding</b>		<b>2271 West Center</b>	
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
<b>Decatur</b>	<b>IL</b>	<b>62526</b>	<b>(217) 429-1818</b>
07 OPERATOR (If known and different from owner)		08 STREET (Business, mailing, residential)	
<b>Junior L. Barding and James Spawr</b>		<b>P.O. Box Drawer D</b>	
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
<b>Decatur</b>	<b>IL</b>	<b>62526</b>	<b>(217) 429-0020</b>
13 TYPE OF OWNERSHIP (Check one)			
<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN			
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)			
<input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE			
<b>IV. CHARACTERIZATION OF POTENTIAL HAZARD</b>			
01 ON SITE INSPECTION		BY (Check all that apply)	
<input checked="" type="checkbox"/> YES DATE <b>1/12/89</b> MONTH DAY YEAR <input type="checkbox"/> NO		<input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)	
CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one)		03 YEARS OF OPERATION	
<input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		<b>1956</b>   <b>1970</b> BEGINNING YEAR    ENDING YEAR <input type="checkbox"/> UNKNOWN	
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED			
<b>Solvents (Toxic/Persistent)</b> <b>Oily Waste (Toxic)</b>			
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION			
<b>Groundwater (Population/Environment)</b> <b>Surface Water (Population)</b>			
<b>V. PRIORITY ASSESSMENT</b>			
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)			
<input checked="" type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
<b>VI. INFORMATION AVAILABLE FROM</b>			
01 CONTACT		02 OF (Agency/Organization)	
<b>Mr. Junior Barding</b>		<b>Standard Waste Inc</b>	
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY	06 ORGANIZATION
<b>Gary L. Reside</b>		<b>IEPA</b>	<b>Pre-Remedial Programs</b>
		07 TELEPHONE NUMBER	08 DATE
		<b>(217) 786-6760</b>	<b>2/3/89</b> MONTH DAY YEAR



I HIGHLY VOLATILE  
J EXPLOSIVE  
K REACTIVE  
L INCOMPATIBLE  
M NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
ILD 984766410

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED 1503

02 ☒ OBSERVED (DATE 10-7-87)

04 NARRATIVE DESCRIPTION

POTENTIAL

ALLEGED

Groundwater sampling conducted in October, 1987 revealed the presence of several hazardous chemicals (see Part 2, sec IV).

Approximately 563 rural homes are located within a four mile radius of the site. According to the 1983 Bureau of the Census an average 2.67 people per household live in Mason County.

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED Unknown

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

The Sangamon river borders the site on its south side. This river is utilized as a recreational area for the surrounding population. Agency inspections have noted a leachate area which is located in a drainage area for the landfill.

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

Unknown

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

Unknown

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

Unknown

01 ☒ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED 66<sup>(Acres)</sup>

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

POTENTIAL

☒ ALLEGED

The Decatur/Barding landfill accepted waste from at least two industries (ADM + Firestone) during the late fiftys to early Seventys.

01 ☒ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED 1503

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

See A

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

Unknown

01 ☒ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED 1503

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

See A and B



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IL0 984766378

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

Unknown

01 K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

The release of leachate to the Sangamon river places the aquatic population at a potential risk.

01 L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

see B and K

01 M. UNSTABLE CONTAINMENT OF WASTES  
(Spills, runoff, standing liquids, leaking drums)

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 1503 04 NARRATIVE DESCRIPTION

See A, B and F

01 N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

Unknown

01 O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

Unknown

01 P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

Unknown

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 1503

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

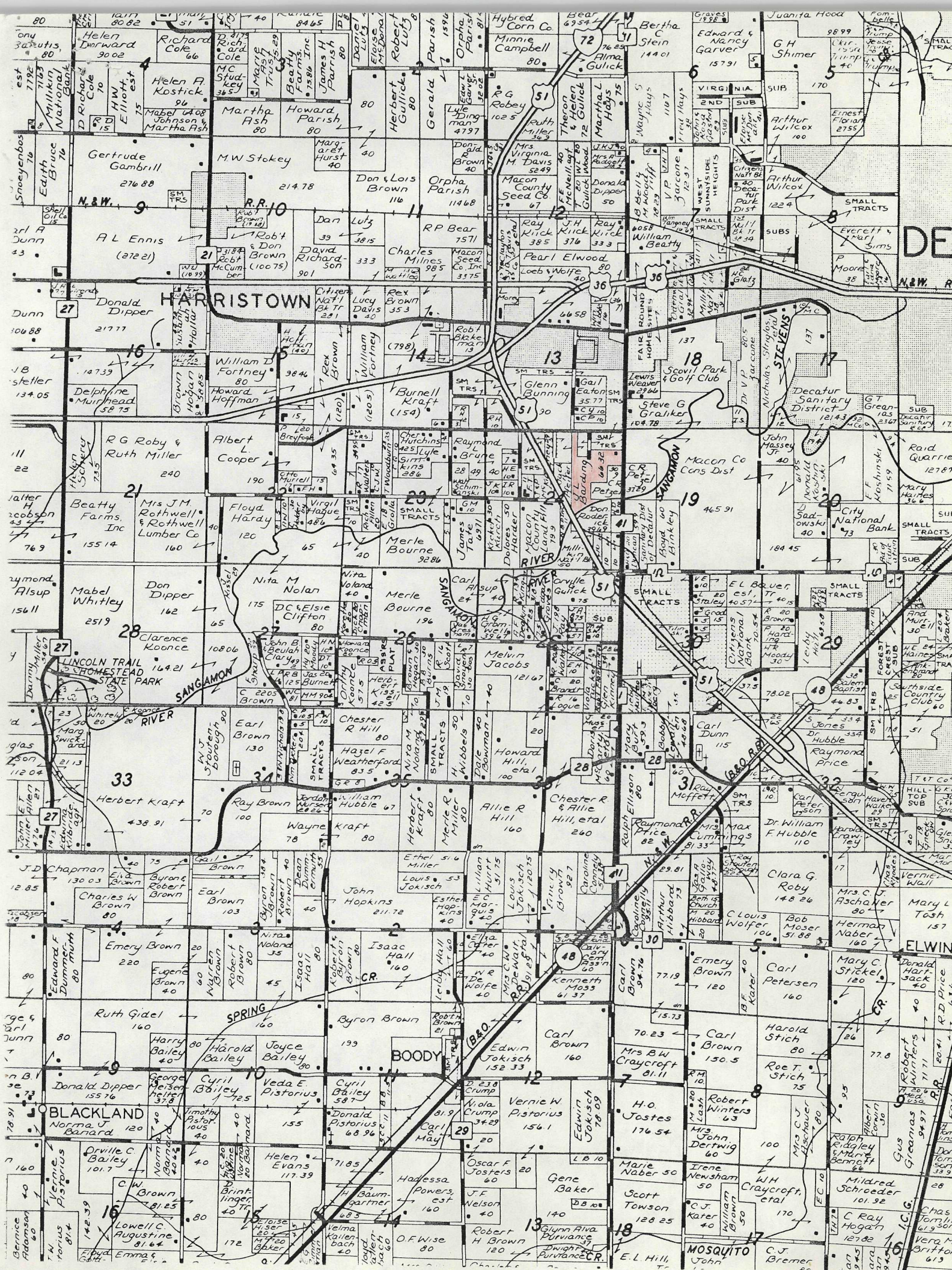
USGS - 7.5 min Topographical Maps Illinois Municipal Directory  
IEPA/DLPC Division File  
IEPA/DLPC 1-12-89 Preliminary Assessment Reconnaissance Inspection  
U.S.D.C. 1983 County & City Data Book.  
IEPA/DPWS List of Public and Food Processing Water Supplies Utilizing Surface Water, July, 1983



Decatur/Barding Landfill  
ILD984766378

## SITE LOCATION







L1150000000  
Decatur/Barding Landfill  
ILD984766378

## EXECUTIVE SUMMARY

The Decatur/Barding Landfill is located in Macon County, Township 16 North, Range 1 East, Section 24. The office, at the entrance to the landfill, is listed as 965 South Wyckles Road. The site is approximately sixty-six acres in size and is bordered on the south by the Sangamon River.

The site was utilized as a landfill by Macon County Landfill, Inc. from about 1956 until 1970. Filling began off Wyckles Road and progressed toward a rendering plant (where Route 51 is now located).

Currently, the property is owned by Ms. Lavone Barding, 2271 West Center, Decatur, IL, 217/429-1818. However, her two children, Junior L. Barding and James Spawr, are in the process of purchasing the land on a contract-for-deed basis.

On April 11, 1984, Decatur city officials met with Illinois Environmental Protection Agency (IEPA) personnel to report that several barrels had been discovered on the property bordering the city's wastewater treatment plant (WWTP). On April 12, 1984, IEPA personnel conducted an inspection at the Decatur/Barding Landfill. During that inspection, nineteen 55-gallon drums were found on-site. Several of the drums were full or partially full of liquid. In addition, two leachate flows were noted west and north of the Decatur WWTP, on the Decatur/Barding Landfill.

During an April 24, 1987 Agency inspection, Mr. Junior Barding told IEPA personnel that several industries, including Archer Daniel Midland, had dumped liquid waste into a pit located on-site.

On October 6, 1987, Agency officials conducted a follow-up investigation at the Decatur/Barding Landfill. During the inspection, large areas of uncovered refuse were observed. In addition, two leachate flows were noted on-site. This leachate merged into one flow along the Decatur WWTP property and traveled off-site into the Sangamon River. Agency analysis of this leachate revealed the presence of the following chemicals and their respective concentrations, benzene and chlorobenzene - both 7 ppb and tetrachloroethylene - 5 ppb.

On the following day, October 7, six monitoring wells located on the adjacent Decatur WWTP property were sampled in an effort to detect possible groundwater contamination. Three of these wells were found to be contaminated. The following well designation and their respective chemical name and concentrations are listed below:

G101S	Chlorobenzene and Tetrahydrofuran	both 5 ppb
G101D	Tetrahydrofuran	10 ppb
G102S	Benzene	5 ppb
	Chlorobenzene	7 ppb
	Benzothiazolone	tentatively 40 ppb

A Preliminary Assessment Reconnaissance Inspection was conducted on January 12, 1989. During this inspection, the presence of uncovered refuse and leachate flows were confirmed.

Currently, the site is not utilized, with the exception of some recreational activity, fishing and 4-wheel drive vehicle traffic. Mr. Barding is considering using the site as a Christmas tree farm.

The property is bordered on the west and north by residential property. The site specific geology of the area indicates that the site is located in the Pennsylvania System, in alluvial soil from the Sangamon River. Groundwater flow moves generally from the north of the site to the south.

This site has been assigned a high priority based upon the presence of contamination at the site and the proximity of the surrounding population. A site inspection is recommended.

GR:tk:4/37/13-1(3/3/89)